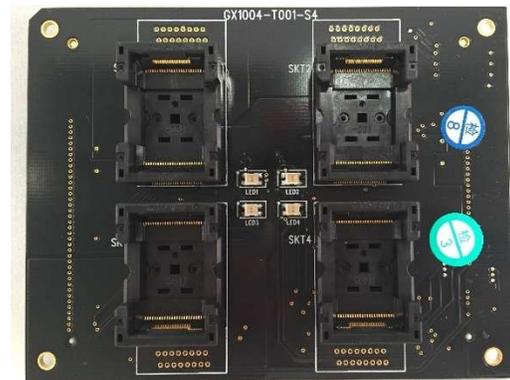


## Superpro<sup>®</sup> / 7504 High Speed Production Programmer

Mass production programmer for high production capacity, high versatility and high yield

Built in 4 Superpro / 7500 programmer modules representing the industry's peak level, up to 16 chips can be programmed at the same time. Supports almost every device you can see with extraordinary programming speed, including eMMC, NAND FLASH, SPI FLASH, NOR FLASH, MCU, CLPD, etc. If you are an industry leader, you need a programmer with high throughput, high programming yield and quality, a wide range of supported devices, and the ability to quickly upgrade to support future new devices.



## Characteristics

- Built-in 4 asynchronous high-speed programmer modules representing the industry's peak level. SuperPro / 7500. Supporting up to 16 chips for simultaneous programming is the best choice for manufacturers with high productivity, high versatility and high quality.
- Supports almost any device, including EPROM, Paged EPROM, Parallel and Serial EEPROM, FPGA, PROM, FLASH (NOR & NAND), BPROM, NVRAM, SPLD, CPLD, EPLD, Firmware HUB, Microcontroller, MCU, etc. Support device voltage as low as 1.2V. Support device packages including but not limited to DIP, SDIP, PLCC, JLC, PGA, LGA, SOIC, SOJ, SOT, QFP, TQFP, PQFP, VQFP, MQFP, LQFP, TSOP, SOP, TSOPII, PSOP, SSOP, TSSOP, SON, EBGA, FBGA, FTBGA, VFBGA, μBGA, CSP, SCSP, QFN, HVQFN, etc.
- Programming eMMC, NAND FLASH, SPI FLASH and other devices are faster

Manufacturers	Devices	3968MB(P+V)	1984MB(P+V)	1024MB(P+V)
TOSHIBA	THGBM5G6A2JBAIR	315 s	153 s	52 s
SANDISK	SDIN7DU2-32G	314 s	155 s	56 s
SAMSUNG	KLMCG8GE4A	320s	158 s	58 s
SAMSUNG	KLMAG4FEKA	318 s	160 s	62 s

- Optional adapter pressurization booster, it is more labor-saving to pick and place the chip.
  - Support all kinds of popular NAND FLASH Platforms and can be customized.
  - The tenth generation of pin drive technology ensures a cleaner signal, a wider voltage range and a higher signal bandwidth. With the strict compliance with the chip manufacturer's specifications, the algorithm software that accurately implements the timing specified by the IC manufacturer ensures a very high programming yield.
  - Comprehensive security mechanisms to protect chips and programmers. Features include hardware self-test, voltage auto-calibration, chip mis-insertion detection, overcurrent detection, overvoltage protection, etc.
  - USB2.0 Communication interface;
  - Powerful and rich software features
- Mass production mode** Automatic monitoring of the socket, once the chip is found in place, automatically start programming.

**Panel mode** Each module has an independent START button and a PASS/BUSY/FAIL indicator

The lamp can be operated directly nearby.

**Engineering Management** Simplifies the chip programming preparation process, will inject the device model selection, file loading

**Device configuration word settings** programming options, batch command definitions, etc.

**Project file.** The operator only needs to load the project file to start programming.

**Barcode Management** Support barcode loading project files to avoid manual selection errors

## Electrical and mechanical Specifications

- Communication interface: USB2.0
- Grounding socket
- Power: AC Adapter input AC 100v-240v; Output: 12V/7A
- Host Size: 540 x 216 x 75 Mm  
Weight: 6.8 Kg
- Packaging: Size: 600 x 250 x 105 mm;
- Weight: 9.2Kg
- Temperature: : 0-40°C.
- Humidity : 20%-80%

## Standard packing

- Superpro /7504 Host
- Power adapter
- Usb2.0 Cable

## Options

- Various package adapters
- Adapter pressure booster and various specifications of pressure plate.





**Password management** project files and production control can be password protected

**Batch Command** auto-execute multiple command sequences with one-click batch command

**Dynamic Data buffers** Each chip can be programmed with different data files . it is suitable for programming applications such as product serial number and MAC address.

**JAM/STAPL Player and Direct C** Direct support

**JTAG Player** Direct support

**Complete run log files and statistics** Production quality tracking

**MES and Industry 4.0 friendly complete remote operation control command and information base query interface**

- **Provide friendly MES and Industry 4.0 management support**
- SupportWin7/win8/win10